

ABSTRACT OF THE DISCLOSURE

IMPROVEMENTS IN OR RELATING TO TUBE COUPLINGS

5 The disclosure relates to a tube coupling comprising a
coupling body having a throughway open at one end to receive
an end portion of the tube and having an internal cam
surface tapering towards the open end in which a collet is
located for locking a tube in the coupling body by
10 engagement with the tapered cam surface. The coupling body
has a main body portion the throughway of which receives the
end of the tube and a stop to limit the insertion of the
collet and an end cap in screw threaded engagement with the
main body having an open end into the throughway and the
15 tapered cam surface. The cap is retained on the main body
by an annular diaphragm encircling the body which engages in
a wide slot formed in the inner periphery of the cap. The
diaphragm snaps into the slot when the cap is screwed onto
the main body portion to a first position in which a tube
20 can be inserted through the collet into the coupling body
and released. The diaphragm allows the cap to be screwed
further onto the coupling body to a position in which the
collet is locked to the tube to prevent release of the tube.